BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Detailed Estimate for the work of Providing pot hole filling in kempegowda ward no -01 of yelahanka sub division.

Estimate Cost Rs. 3000000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 & I.No.20.18) (2016-17) PHD SR	cum							
	bbmp office road infront shanimahathma swamy temple		3	1.60	1.50	0.10	0.72		
	near old bbmp office		1	2.80	2.00	0.10	0.56		
	infront of gangamma temple		5	5.80	2.00	0.10	5.80		
	infront of axis bank atm		3	6.60	1.60	0.10	3.17		
	kk dental care		2	5.60	1.60	0.10	1.79		
	401 bus stamp		1	3.60	2.50	0.10	0.90		
	railway (sumathi jewells front)		1	2.50	2.50	0.10	0.63		
	chethan clinic		2	1.80	2.00	0.10	0.72		
	gandhinagara infront of SBM		1	2.80	2.60	0.10	0.73		
	gandhinagara infront of SBM		2	2.80	2.60	0.10	1.46		
	gandhinagara infront of neem tree		1	1.70	1.80	0.10	0.31		
	water tank near piles hospital gandhinagara		2	1.70	1.50	0.10	0.51		
	little angel school road		3	2.80	2.60	0.10	2.18		
	Govt hospital near gandhinagara circle		2	4.50	1.70	0.10	1.53		
	general store gandhinagara circle		5	4.80	1.70	0.10	4.08		
	Sree lakshmi colour lab front		3	5.60	2.80	0.10	4.70		
	infront of jayalakshmi nursing home		1	1.70	1.60	0.10	0.27		
	infront of pragathi bar		5	1.70	1.50	0.10	1.28		
	down bazaar road durgashree bakary		1	1.70	1.50	0.10	0.26		
	infront of Sai garage		1	1.60	2.00	0.10	0.32		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	aralu house aswath katte		2	1.60	4.80	0.10	1.54		
	infront of kanthu narasappa house		1	2.70	2.00	0.10	0.54		
	Anjeeneya swamy temple		2	1.70	2.00	0.10	0.68		
	chowdeshwari kalyana mantapa turning		2	2.70	3.00	0.10	1.62		
	infront of Ashwath katte anganavadi		2	1.60	2.00	0.10	0.64		
	infront of sree Arts		1	2.00	2.00	0.10	0.40		
	deshada pete road infront of banu jewellary		4	1.70	2.00	0.10	1.36		
	infront of yellamma temple		3	4.80	5.00	0.10	7.20		
	infront of YN Aswath house		2	1.70	1.80	0.10	0.61		
	Hosa bheedhi okkaligara bheedhi		3	5.00	3.00	0.10	4.50		
	bangla school road		4	3.00	3.60	0.10	4.32		
			work executed				55.31		836850/-
	Work to be done DDE (Details During Execution)						418.00	1768.08	
							473.31	1801.44	852645.00
	Basic Rate	1668.00							
	Area Weightage @8%	133.44	67.	100.00					
	Total	**1801.44**		1768.08					
2	filling of potholes and Patch Repairs with Bituminous Concrete ,40mm Removal of all failed material,trimming of completed exavation to provide firm vertical faces cleaning of surface, pai nting of tack coat on the sides and base of exavation as per clause 500.3,back filling the pot holes with hot bituminous material as per clause 500.4, compacting trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications MORTH pecifications No.3004.2 (Page No.257 /Item No.35.5)	Sqm							
	bbmp office road infront shanimahathma swamy temple		3	1.60	1.50		7.20		
	near old bbmp office		1	2.80	2.00		5.60		
	infront of gangamma temple		5	5.80	2.00		58.00		
	infront of axis bank atm		3	6.60	1.60		31.68		
	kk dental care		2	5.60	1.60		17.92		
	401 bus stamp		1	3.60	2.50		9.00		
	railway (sumathi jewells front)		1	2.50	2.50		6.25		
	chethan clinic		2	1.80	2.00		7.20		
	gandhinagara infront of SBM		1	2.80	2.60		7.28		
	gandhinagara infront of SBM		2	2.80	2.60		14.56		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	gandhinagara infront of neem tree		1	1.70	1.80		3.06		
	water tank near piles hospital gandhinagara		2	1.70	1.50		5.10		
	little angel school road		3	2.80	2.60		21.84		
	Govt hospital near gandhinagara circle		2	4.50	1.70		15.30		
	general store gandhinagara circle		5	4.80	1.70		40.80		
	Sree lakshmi colour lab front		3	5.60	2.80		47.04		
	infront of jayalakshmi nursing home		1	1.70	1.60		2.72		
	infront of pragathi bar		5	1.70	1.50		12.75		
	down bazaar road durgashree bakary		1	1.70	1.50		2.55		
	infront of Sai garage		1	1.60	2.00		3.20		
	aralu house aswath katte		2	1.60	4.80		15.36		
	infront of kanthu narasappa house		1	2.70	2.00		5.40		
	Anjeeneya swamy temple		2	1.70	2.00		6.80		
	chowdeshwari kalyana mantapa turning		2	2.70	3.00		16.20		
	infront of Ashwath katte anganavadi		2	1.60	2.00		6.40		
	infront of sree Arts		1	2.00	2.00		4.00		
	deshada pete road infront of banu jewellary		4	1.70	2.00		13.60		
	infront of yellamma temple		3	4.80	5.00		72.00		
	infront of YN Aswath house		2	1.70	1.80		6.12		
	Hosa bheedhi okkaligara bheedhi		3	5.00	3.00		45.00		
	bangla school road		4	3.00	3.60		43.20		
			work executed				553.13		1432899/-
	Work to be done DDE (Details During Execution)						4190.00	302.10	
							4743.13	307.80	1459935.00
	Basic Rate	285.00							
	Area Weightage @8%	22.80	17.10						
	Total	307.80	302.10						

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)								
	for Concrete pot hole	Cum							
	chiranjeevi clinic road		1	2.50	3.50	0.30	2.63		
			1	3.70	0.50	0.30	0.56		
			1	8.80	1.00	0.30	2.64		
			1	3.90	0.60	0.30	0.70		
			1	7.70	1.00	0.30	2.31		
			1	3.00	3.00	0.30	2.70		
			1	2.60	2.60	0.30	2.03		
			1	2.90	0.40	0.30	0.35		
			1	3.00	0.40	0.30	0.36		
			1	2.90	0.40	0.30	0.35		
			1	3.90	1.00	0.30	1.17		
			1	1.00	0.50	0.30	0.15		
	Halu rangappa bheedhi								
			1	11.00	0.50	0.30	1.65		
			1	1.20	0.60	0.30	0.22		
			1	5.50	2.70	0.30	4.46		
			1	12.00	0.70	0.30	2.52		
			1	1.00	1.00	0.30	0.30		
			1	4.50	0.50	0.30	0.68		
			1	1.00	1.00	0.30	0.30		
			1	2.40	1.20	0.30	0.86		
			1	4.00	1.30	0.30	1.56		
			1	1.00	0.50	0.30	0.15		
	Okkaligara bheedhi								
			1	3.30	3.00	0.30	2.97		
			1	2.00	0.40	0.30	0.24		
			1	2.00	0.50	0.30	0.30		
			1	1.00	1.00	0.30	0.30		
			1	1.40	0.60	0.30	0.25		
			1	2.00	0.70	0.30	0.42		
			1	0.70	0.70	0.30	0.15		
			1	1.20	1.00	0.30	0.36		
			1	3.70	1.50	0.30	1.67		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	2.70	1.00	0.30	0.81		
			1	1.50	1.00	0.30	0.45		
			1	3.00	0.30	0.30	0.27		
			1	4.60	0.70	0.30	0.97		
			1	3.00	0.30	0.30	0.27		
			1	3.00	0.40	0.30	0.36		
			1	3.00	0.60	0.30	0.54		
			1	3.30	2.60	0.30	2.57		
	Naigara bheedhi								
			1	33.40	0.60	0.30	6.01		
			2	1.00	1.00	0.30	0.60		
			1	2.00	2.00	0.30	1.20		
			1	1.00	1.00	0.30	0.30		
			1	2.00	0.50	0.30	0.30		
			1	7.00	0.60	0.30	1.26		
			1	0.60	0.50	0.30	0.09		
			1	1.50	0.60	0.30	0.27		
			1	0.70	0.70	0.30	0.15		
			1	2.00	1.00	0.30	0.60		
			1	1.00	0.50	0.30	0.15		
			1	0.50	0.50	0.30	0.08		
			1	1.00	0.70	0.30	0.21		
	Gangamma gudi bheedhi								
			1	2.00	1.00	0.30	0.60		
			1	3.00	1.00	0.30	0.90		
			1	2.00	1.00	0.30	0.60		
			1	1.00	1.00	0.30	0.30		
			1	1.00	0.50	0.30	0.15		
			1	1.00	1.00	0.30	0.30		
			1	1.00	0.80	0.30	0.24		
			1	17.00	0.60	0.30	3.06		
	Maheshwaramma gudi bheedhi		1	5.00	0.80	0.30	1.20		
			1	1.00	0.80	0.30	0.24		
			1	1.00	0.80	0.30	0.24		
			1	24.50	0.60	0.30	4.41		
			1	3.00	0.60	0.30	0.54		
			work executed				**65.51**		18827
	Work to be done DDE (Details During Execution)						**47.62**	166.42	
							113.13	169.56	**19183.00**
	Basic Rate	157.00	157.00						
	Area Weightage @ 8%	12.56	9.42						
	Total	**169.56**	166.42						

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)	Cum							
			Qty Vide Item No.3				**113.13**	100.00	**11313.40**
	Average Weight of Earth 1.28 Tonne/Km								
	Basic Rate Lead Charges for 10.00 Kms (2.50X1.28X10.00)	32.00							
	Add loading and unloading Item No 17.1)	68.00							
	Total	**100.00**							
5	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No.KBS 4.1, 4.2 (P.12/I.4.3)	Cum							
	for Concrete pot hole	Cum							
	chiranjeevi clinic road		1	2.50	3.50	0.15	1.31		
			1	3.70	0.50	0.15	0.28		
			1	8.80	1.00	0.15	1.32		
			1	3.90	0.60	0.15	0.35		
			1	7.70	1.00	0.15	1.16		
			1	3.00	3.00	0.15	1.35		
			1	2.60	2.60	0.15	1.01		
			1	2.90	0.40	0.15	0.17		
			1	3.00	0.40	0.15	0.18		
			1	2.90	0.40	0.15	0.17		
			1	3.90	1.00	0.15	0.59		
			1	1.00	0.50	0.15	0.08		
	Halu rangappa bheedhi								
			1	11.00	0.50	0.15	0.83		
			1	1.20	0.60	0.15	0.11		
			1	5.50	2.70	0.15	2.23		
			1	12.00	0.70	0.15	1.26		
			1	1.00	1.00	0.15	0.15		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	4.50	0.50	0.15	0.34		
			1	1.00	1.00	0.15	0.15		
			1	2.40	1.20	0.15	0.43		
			1	4.00	1.30	0.15	0.78		
			1	1.00	0.50	0.15	0.08		
	Okkaligara bheedhi								
			1	3.30	3.00	0.15	1.49		
			1	2.00	0.40	0.15	0.12		
			1	2.00	0.50	0.15	0.15		
			1	1.00	1.00	0.15	0.15		
			1	1.40	0.60	0.15	0.13		
			1	2.00	0.70	0.15	0.21		
			1	0.70	0.70	0.15	0.07		
			1	1.20	1.00	0.15	0.18		
			1	3.70	1.50	0.15	0.83		
			1	2.70	1.00	0.15	0.41		
			1	1.50	1.00	0.15	0.23		
			1	3.00	0.30	0.15	0.14		
			1	4.60	0.70	0.15	0.48		
			1	3.00	0.30	0.15	0.14		
			1	3.00	0.40	0.15	0.18		
			1	3.00	0.60	0.15	0.27		
			1	3.30	2.60	0.15	1.29		
	Naigara bheedhi								
			1	33.40	0.60	0.15	3.01		
			2	1.00	1.00	0.15	0.30		
			1	2.00	2.00	0.15	0.60		
			1	1.00	1.00	0.15	0.15		
			1	2.00	0.50	0.15	0.15		
			1	7.00	0.60	0.15	0.63		
			1	0.60	0.50	0.15	0.05		
			1	1.50	0.60	0.15	0.14		
			1	0.70	0.70	0.15	0.07		
			1	2.00	1.00	0.15	0.30		
			1	1.00	0.50	0.15	0.08		
			1	0.50	0.50	0.15	0.04		
			1	1.00	0.70	0.15	0.11		
	Gangamma gudi bheedhi								
			1	2.00	1.00	0.15	0.30		
			1	3.00	1.00	0.15	0.45		
			1	2.00	1.00	0.15	0.30		
			1	1.00	1.00	0.15	0.15		
			1	1.00	0.50	0.15	0.08		
			1	1.00	1.00	0.15	0.15		
			1	1.00	0.80	0.15	0.12		
			1	17.00	0.60	0.15	1.53		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5									
	Maheshwaramma gudi bheedhi		1	5.00	0.80	0.15	0.60		
			1	1.00	0.80	0.15	0.12		
			1	1.00	0.80	0.15	0.12		
			1	24.50	0.60	0.15	2.21		
			1	3.00	0.60	0.15	0.27		
			work executed				32.76		291846/-
	Work to be done DDE (Details During Execution)						23.81	5159.02	
							56.57	5256.36	297337.00
	Basic Rate	4867.00	4867.00						
	Area Weightage @ 8%	389.36	292.02						
	Total	5256.36	5159.02						
6	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) M20 for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary beams with all lead and lifts etc.,complete (exclusive of cost of steel and fabrication charges.) Page No.18 / Item No. 4.48)	Cum							
	for Concrete pot hole	Cum							
	chiranjeevi clinic road		1	2.50	3.50	0.15	1.31		
			1	3.70	0.50	0.15	0.28		
			1	8.80	1.00	0.15	1.32		
			1	3.90	0.60	0.15	0.35		
			1	7.70	1.00	0.15	1.16		
			1	3.00	3.00	0.15	1.35		
			1	2.60	2.60	0.15	1.01		
			1	2.90	0.40	0.15	0.17		
			1	3.00	0.40	0.15	0.18		
			1	2.90	0.40	0.15	0.17		
			1	3.90	1.00	0.15	0.59		
			1	1.00	0.50	0.15	0.08		
	Halu rangappa bheedhi								
			1	11.00	0.50	0.15	0.83		
			1	1.20	0.60	0.15	0.11		
			1	5.50	2.70	0.15	2.23		
			1	12.00	0.70	0.15	1.26		
			1	1.00	1.00	0.15	0.15		
			1	4.50	0.50	0.15	0.34		
			1	1.00	1.00	0.15	0.15		
			1	2.40	1.20	0.15	0.43		
			1	4.00	1.30	0.15	0.78		
			1	1.00	0.50	0.15	0.08		
	Okkaligara bheedhi								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	3.30	3.00	0.15	1.49		
			1	2.00	0.40	0.15	0.12		
			1	2.00	0.50	0.15	0.15		
			1	1.00	1.00	0.15	0.15		
			1	1.40	0.60	0.15	0.13		
			1	2.00	0.70	0.15	0.21		
			1	0.70	0.70	0.15	0.07		
			1	1.20	1.00	0.15	0.18		
			1	3.70	1.50	0.15	0.83		
			1	2.70	1.00	0.15	0.41		
			1	1.50	1.00	0.15	0.23		
			1	3.00	0.30	0.15	0.14		
			1	4.60	0.70	0.15	0.48		
			1	3.00	0.30	0.15	0.14		
			1	3.00	0.40	0.15	0.18		
			1	3.00	0.60	0.15	0.27		
			1	3.30	2.60	0.15	1.29		
	Naigara bheedhi								
			1	33.40	0.60	0.15	3.01		
			2	1.00	1.00	0.15	0.30		
			1	2.00	2.00	0.15	0.60		
			1	1.00	1.00	0.15	0.15		
			1	2.00	0.50	0.15	0.15		
			1	7.00	0.60	0.15	0.63		
			1	0.60	0.50	0.15	0.05		
			1	1.50	0.60	0.15	0.14		
			1	0.70	0.70	0.15	0.07		
			1	2.00	1.00	0.15	0.30		
			1	1.00	0.50	0.15	0.08		
			1	0.50	0.50	0.15	0.04		
			1	1.00	0.70	0.15	0.11		
	Gangamma gudi bheedhi								
			1	2.00	1.00	0.15	0.30		
			1	3.00	1.00	0.15	0.45		
			1	2.00	1.00	0.15	0.30		
			1	1.00	1.00	0.15	0.15		
			1	1.00	0.50	0.15	0.08		
			1	1.00	1.00	0.15	0.15		
			1	1.00	0.80	0.15	0.12		
			1	17.00	0.60	0.15	1.53		
	Maheshwaramma gudi bheedhi		1	5.00	0.80	0.15	0.60		
			1	1.00	0.80	0.15	0.12		
			1	1.00	0.80	0.15	0.12		
			1	24.50	0.60	0.15	2.21		
			1	3.00	0.60	0.15	0.27		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			work executed				32.76		352530/-
	Work to be done DDE (Details During Execution)						23.81	6231.74	
							56.57	6349.32	359162.00
	Basic Rate	5879.00	5	879.00					
	Area Weightage @ 8%	470.32		352.74					
	Total	6349.32	6	231.74					5735/-
7	Miscellaneous charges								425.00
								Total	3000000.00
	(Rupees Thirty lakhs Only)								29,50,000/-

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore.

Assistant Executive Engineer
Yelahanka sub division.
Bangalore

Administrative Approval
Accorded For ..... 29.50 lakh Rs.
Head of A/C..... P 1771
CER NO :..... 235 Dt... 20 03/17

TA CE (YNK)

Technical Sanction
Accorded For ..... 29.50 lakh Rs.
Head of A/C..... P 1771
CER NO :..... 177 Dt:.. 20 03/17

TA CE (YNK)